IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.

10/085,539

Confirmation No.:

9853

Applicant

CARLYLE, Wenda, et al.

Filed TC/A.U. February 26, 2002

Examiner

WEBMAN, Edward J.

Docket No.

P872

Customer No.

28390

Title

PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR

GAMMA LIGAND ELUTING MEDICAL DEVICE

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF ROBERT L. CAFFERATA UNDER 37 CFR § 1.131

I, ROBERT L. CAFFERATA, declare the following:

- I previously was employed by MEDTRONIC, INC., and am one of the inventors of the above-identified application.
- I understand that in an Office Action dated 14 April 2007, the Examiner rejected Claims 2. 1, 2, 5-7, 9, 11, and 27, of the above-identified application under 35 U.S.C. §103(a) as obvious over the combination of U.S. Patent No. 5,443,458 and International Publication No. WO 01/07066.
- I understand that International Publication No. WO 01/07066 was filed on 19 July 2000 3. and published on 1 February 2001. The cover page of International Publication No. WO 01/07066 is attached as EXHIBIT A.

- 4. Two of my redacted laboratory notebook pages, which were prepared in the United States and witnessed by Wenda Carlyle before 1 February 2001, are attached as EXHIBIT B. The laboratory notebook pages summarize and evidence the reduction to practice of the subject matter claimed in the above-identified application. Specifically, EXHIBIT B, page 1, paragraph 1, describes a stent designed to improve the treatment of restenosis by cluting ligands of peroxisome proliferator-activated receptor gamma (PPARγ) from the stent. EXHIBIT B, page 1, paragraphs 2 and 6, and page 2, paragraph 1, disclose that rosiglitazone is a PPARγ ligand and is of particular interest to clute from a stent to treat restenosis.
- 6. All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that the statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of this application or any patents issuing thereon.

Robert L. Cafferata

4794 Hillsboro Circle Santa Rosa, CA 95405 12-18-07

Date

EXHIBIT A

(19) World Intellectual Property Organization International Bureau



ANDE ENDRE PRODUCTE ETCORTO EN 10 ENDENDE ESTA ENDRE UNA UNIDADA DE CONTRACE.

(43) International Publication Date 1 February 2001 (01.02.2001)

(51) International Patent Classification?:

PCT

(10) International Publication Number WO 01/07066 A2

(21) International Application Number: PCT/EP00/06986

A61K 38/00

19 July 2000 (19.07.2000)

23 July 1999 (23.07.1999)

Research Centre, Ninewells Hospital and Medical School, Dundee, Tayside DD1 9SY (GB).

(21) International Application Number: FC1/EP00/003

(74) Agent: RUTTER, Keith; SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(22) International Filing Date:
(25) Filing Language:
(26) Publication Language:

English

English

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(30) Priority Data: 9917405.4

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HU, ID, IL, IN, IS, JR, KE, KG, RR, KR, KZ, LC, LK, LR, LS, LT, LJ, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,

(71) Applicant (for all designated States except US): THE UNIVERSITY OF DUNDEE [GB/GB]; 11 Perth Road, Dundee, Tayside DD1 4HN (GB).

KB, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, By, KG, KZ, MD, RU, TI, TM), European patent (AT, BE, CH, CY, DB, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BR, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and (75) Inventors/Applicants (for US only): PALMER, Colin,

Nell. Alexander [GB/GB]; The Üniversity of Dundec, Biomedical Research Centre, Ninevelle Hospital and Mediical School, Dundee, Tayalde DD1 98Y (GB). VOSPER, Helen (GB/GB); The University of Dundee, Biomedical Research Centre, Ninevelle Hospital and Medical School, Dundee, Tayalde DD1 98Y (GB). WOLR, Charles, Rohand (GB/GB); The University of Dundee, Biomedical

Published:

Without international search report and to be republished upon receipt of that report,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS OF TREATMENT AND DRUG SCREENING METHODS

(37) Abstract: A method of preventing or reducing foam cell development from macrophages, or removing foam cells, in a patient, the method comprising administering to the patient an effective amount of an inhibitor of PPAR'S activity. A method of preventing or reacting a vascular disease associated with plaque formation and/or thrombotic blockage of the blood vessels in a patient, the method comprising administering to the patient an effective amount of an inhibitor of PPAR'S activity.

11/07066 A2

EXHIBIT B

Page No...

[ANNOTION]: T DISCUSS A MANUSCASTA A CONTROL OF A CONTROL

INVENTION) I DISCLOSE A MODIFICATION TO A STENT DESIGNED TO IMPRIVE THE PREATMENT OF PERCYLORUS BY ELITIMIC LIGHNESS OF PERCYLORUS PROUFERATOR-ACTIVATED STENT. IN ITS SUPPLIES EMPLY AMOUNT, A FIGURE PRAY LIGHNESS ADDED TO A STENT BEFORE IMPLIANTED IN A PHARMACEUT UPPLIENT DOSE & WITH SUPPLIENT PURATION OF SUTTON TO BLOCK THE LOCAL NCIDENZE OF PESTUNCISE AFTER STENT DEPLEYMENT IN THE SOUT,

ATTOMPTIE FOR CHOOSING PPARK LIGANDS! PPARK IS A CHOMBUR OF A NUCLEAR EXCEPTION SUPERFAMILY THAT IS ACTIVATED BY BINDING CONTAIN LIGANDS. THESE IGANDS CAN BE CASSIN FROM CONTAIN FATTY ACIDS, ELOSANDIDS AND INSULIN-INSTITUTION THAT THAT THE PART OF THE TITUTE CLASS! ROSIGLITATIONS, PLOGLITATIONS & TROUTTENES.

N IMPORTANT CHARACTERISTIC OF ANT-RESTENSTIC DRUSS ASSESS IS THEIR ABILITY I INHIBIT SMOOTH MUSCUE COLL (SMC) PROLIFERATION, PARTY LIGHNIS ARE KNOWN INHIBIT VISCULAR SMC PROLIFERATION PROBLEM BY DIRECT INHIBITION OF CYCLIN-PRODUCT KNASES (1,2).

SCEND PROPERTY HAY IN AN ANTI-RESTENDED AGENT IS INTIBUTION OF SMC IGRATION CON FROM THE MEDIA TO THE NEOLITIMA OF AN ARTENY). PPARISHOUS BLOCK MIGRATION OF VASCULAR SMC (1).

TRIRD PROJUCTLY FOR AN ANTI-RESTRICTIC AGENT IS ITS, ABJUTY TO BUSYL LOCAL UNSTON/ACTIVATION OF MONDOLYTES OF THEIR SUSUING SECRETICAL OF GROWTH FACTORS CHAIRSTANDIST OF THE COLL CACLE. PPARY ACCOUNTS INHUST TOKING PROSPECTION OF THE MONDOLYTES (36). INTERESTRICT, IT IS KNOWN THAT CONTRINUS LASTRINGS ANTI-RESTRICTIC IN LIFE SULLABLE ARE ANTI-RESTRICTIC IN LES WITH PLANTS-WES LESIONS (4). THIS COULD BE EXECUTED TO THE FACT THAT ALLS HAVE PIRKY ACCOUNTS OFFINITY AT 4164 CONCURRATIONS (5).

RENT CHNICAL FINDINGS DEMIGRIFIANTS THAT PATIENTS DOSED SYSTEMICALLY WITH DELITATIONS IN PLENDING MEDITARINAL PROLIFEMENTON AT SIX MONTHS AFTER CORDINARY ONT IMPLANTATION (6) UNFORTENATION THE DELY UNDER THE TRADE NAME REPULLA SWITTEDHAMAN FROM USE IN TRANSPORT TO PER LAURA STATE OF SYSTEMS SMILLIAR IN FORT CASES, IT IS LYBELY AT THE ANTI-POSTENATIC SEFECTS OF SYSTEMS TRACKLETATIONS COULD ALSO LAND TO PAGE NO. 29

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Reference A 11

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- PRECIPIT STENT (BLEND) CHANNA - ADDITION CONTROL THE ST	ATION, COACERVAK TO WELLS/CHENNIN WITH POWLY NO THE MATE WITH CHEMICAL BUT, CAR GUELL (PP 17-11).	Tion), coustnuts TS PLACED IN THAT COR IFFUSION-BARRIER	Attion) of DA THIS BODY OF T THIS SURFI TO CONTROL RI	the steat as act of the s	supplied of us
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